Message

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Sent: 3/12/2019 4:17:42 AM
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Subject: What is appropriate backgorund to use for bldgs?
Attachments: Hunters Point Excerpts from RODs Parcels B and G 12-15-17.docx; ROD Excerpts Rad Background.pdf; Tables 1 and 2 RGs and Background with Rpt Excerpts.pdf

I was going through these attachments and found these in the "excerpts" from RODs below. In the Parcel G Work Plan the Navy intends to use Bldg 404 to measure reference background for buildings. Let's talk about this some time.

p.2 of pdf, for Parcel B:

> The background concentrations of radionuclides of concern were assumed to be 0 disintegrations per minute (dpm) per 100 square centimeters for surfaces to model total risk from radiologically impacted buildings. This assumption was made because none of the radionuclides of concern are found in building materials, except for ^{226}Ra which can be found in earthen materials (such as cement and ceramic tile).

p. 15 of the pdf, Parcel G:

> [illegible] However, the background concentration of Radium-226 in building materials was assumed to be zero.

I also attached relevant ROD excerpts for reference and tables showing previous documentation re reference background levels used in the past on this site.

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